

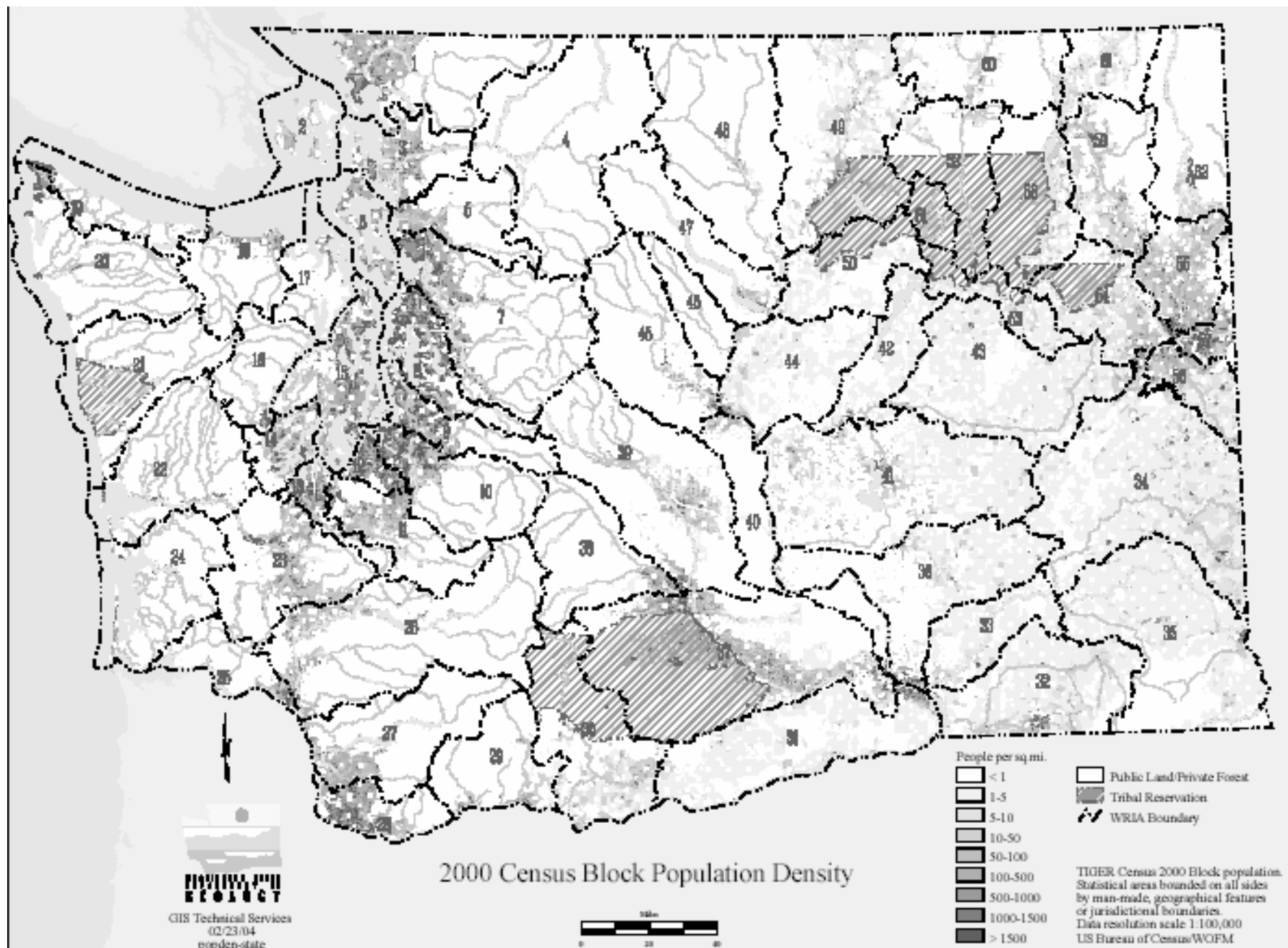
Polluted Runoff from Urban Areas

1. Vermont's Stormwater Hydrology-based TMDLs: A New Frontier

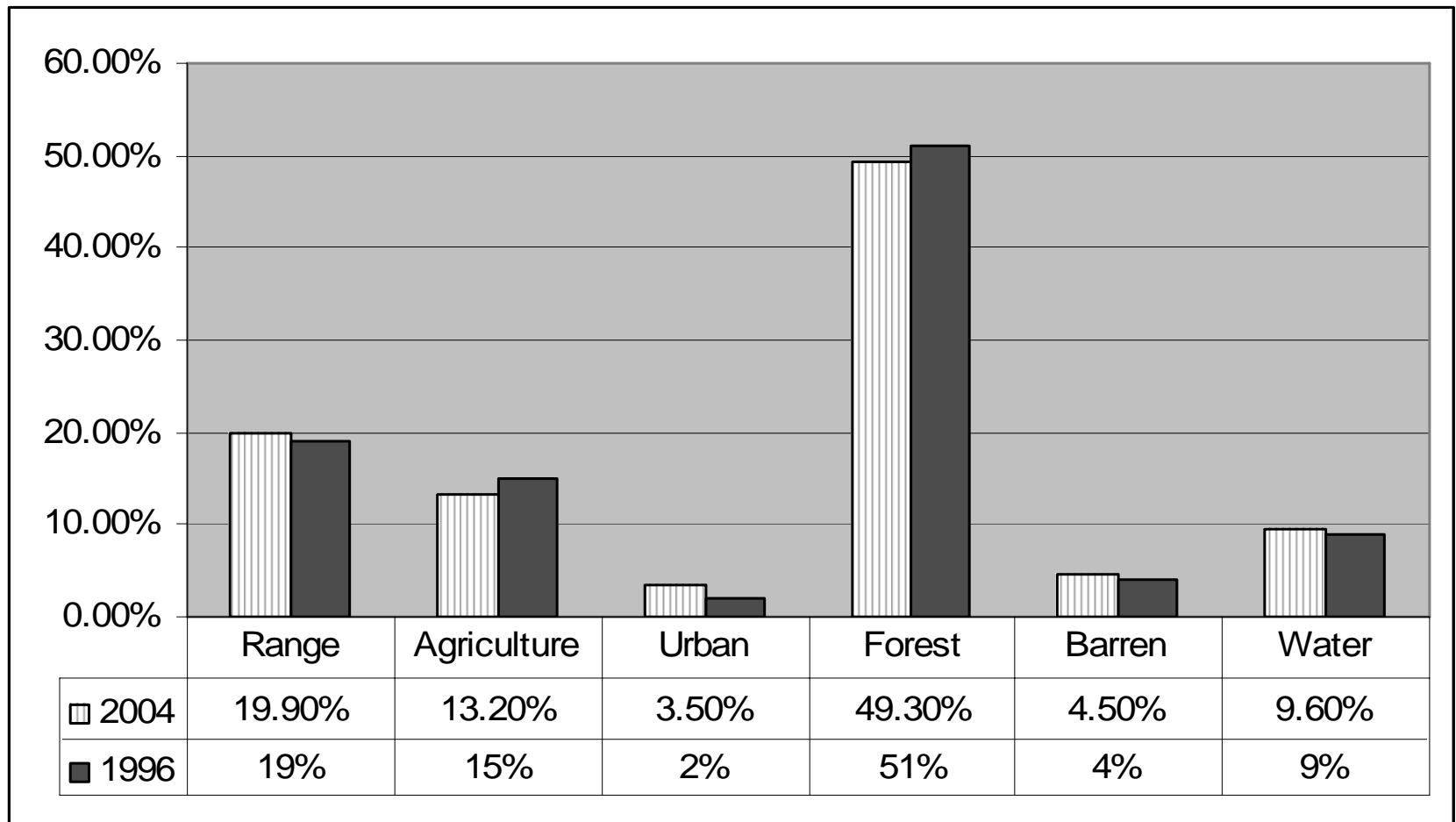
Rick Hopkins: Vermont Department of Environmental Conservation, Water Quality Division

2. Low Impact Development Implementation and Technical Guidance in Puget Sound

*Curtis Hinman, Washington State University
Cooperative Extension*

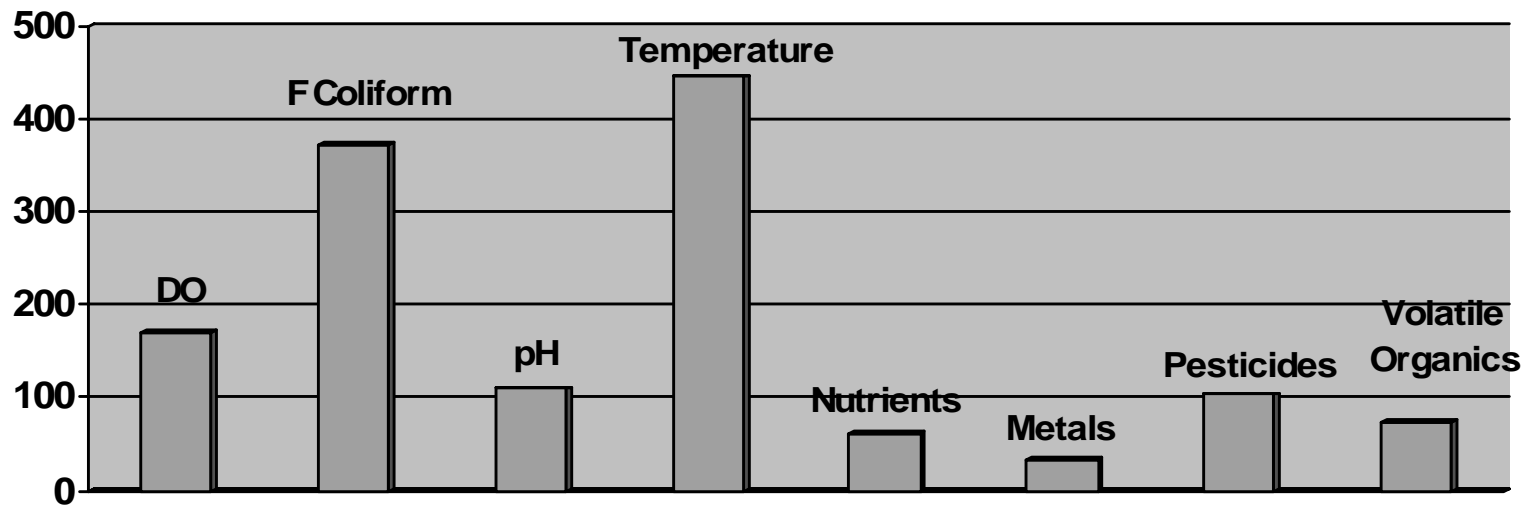


Land Use Changes In Washington State



Relative Frequency of Nonpoint Pollutants

2004 Water Quality Assessment



HISTORICAL TIDBITS

Numerous studies conducted during the late 1970s and 1980s showed that stormwater runoff from urban and industrial areas are a potentially significant source of pollution.

Based on Puget Sound area studies, watersheds that have 10 percent effective impervious area, or have 1/3 of their forest cover removed (without any effective impervious area), have “demonstrable degradation, some aspects of which are surely irreversible”.

Impermeable surfaces, such as roofs, parking lots, and paved streets, prevent rainfall from infiltrating the soil, creating sudden rushes of water in receiving streams during a storm.